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| FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. 1562.0110000/MAC/SEZ | APPLICATION NO. 09/266,936 |
| | APPLICANT SILENIUS, P. | |
| | FILING DATE March 12, 1999 | GROUP 1731 |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
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| | AA | | | | | | |
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| KRK | AI1 | 3,640,285 | 02/08/1972 | Briskin <i>et al.</i> | 131 | 2 | 12/17/1968 |
| KRK | AJ1 | 4,064,317 | 12/20/1977 | Fukuba <i>et al.</i> | 428 | 537 | 02/04/1976 |
| | AK | | | | | | |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------------|---------|-------|-----------|-------------|
| | AL | | | | | | Yes No |
| KRK | AM6 | SE 9 202 072 A | 04/02/1994 | Sweden | 1 | 1 | Yes X No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

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| | AR | | |
| KRK | AS | 2 | Dialog File 351 (Derwent World Patents Index) Derwent English language abstract of SE 9202072A (Document AM6), WPI Accession No. XP002130598. |
| KRK | AT | 2 | European Search Report for European Application No.99660045, mailed February 25, 2000; corresponding to U.S. Application No. 09/266,936. |

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1562.0110000/MAG 2002APPLICATION NO.
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| KRK | AB1 | 4,298,652 | 11/03/1981 | Suzuki, K. <i>et al.</i> | 428 | 323 | 05/08/1980 |
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| KRK | AF1 | 5,158,806 | 10/27/1992 | Unger, M. | 427 | 359 | 04/25/1990 |
| KRK | AG1 | 5,340,611 | 08/23/1994 | Kustermann, M. <i>et al.</i> | 427 | 361 | 12/20/1990 |
| KRK | AH1 | 5,411,587 | 05/02/1995 | Willis, M.J. <i>et al.</i> | 106 | 486 | 10/02/1992 |
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| KRK | AL1 | GB 496 775 | 12/06/1938 | Great Britain | — | — | Yes No |
| KRK | AM1 | GB 1 001 778 | 08/18/1965 | Great Britain | — | — | Yes No |
| KRK | AN1 ✓ | GB 1 030 195 | 05/18/1966 | Great Britain | — | — | Yes No |
| KRK | AO1 ✓ | FI 74215 | 10/29/1979 | Finland | — | — | Yes X No |
| KRK | AP1 | FI 63614 | 05/01/1980 | Finland | — | — | Yes X No |

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| KRK | AS | 1 | Dahlvik, P., <i>et al.</i> , "Interactions in Coating Colors Induced by Temperature-Sensitive Cellulosic Polymer," <i>Intl. Paper and Coating Chem. Symp.</i> , Ottawa, Canada, pp. 155-162 (June 1996). |
| KRK | AT | 1 | Malinen, R., "Recent trends in kraft pulping in Finland," <i>Paper and Timber</i> 75(1-2):14-15 and 17-19 (1993). |

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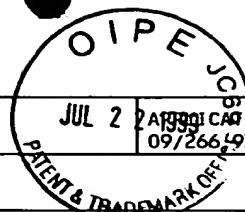
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| KK | AL2 | FI 66221 | 03/20/1981 | Finland | — | — | Yes X No |
| KK | AM2 | FR 2 468 688 | 05/08/1981 | France | — | — | Yes X No |
| KK | AN2 | FI 67568 | 12/31/1984 | Finland | — | — | Yes X No |
| KK | AO2 | WO 85/03316 | 08/01/1985 | WIPO | — | — | Yes No |
| KK | AP2 | GB 2 189 714 A | 11/04/1987 | Great Britain | — | — | Yes No |

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| KRK | AR | 2 | Sundberg, K., et al., "Interactions between simple electrolytes and dissolved and colloidal substances in mechanical pulp," <i>Pulp Paper Res. J.</i> 9(2):125-128 (1994). |
| KRK | AS | 2 | Dialog File 351 (World Patents Index): English language abstract of FI Patent No. 74215, Application No. 791379 (Document A01), WPI Accession No. 79-811868/197945. |
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| KK | AL3 | FI 884196 | 03/16/1989 | Finland | — | — | Yes X No |
| KK | AM3 | FI 96695 | 09/08/1989 | Finland | — | — | Yes X No |
| KK | AN3 | EP 0 461 768 A1 | 12/18/1991 | Europe | — | — | Yes No |
| KK | AO3 | SE 500 472 | 01/13/1992 | Sweden | — | — | Yes X No |
| KK | AP3 | EP 0 496 269 A2 | 07/29/1992 | Europe | — | — | Yes No |

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| KKK | AS | 3 | Dialog File 351 (World Patents Index): English language abstract of FR 2 468 688 (Document AM2), WPI Accession No. 81-50171D/198128. |
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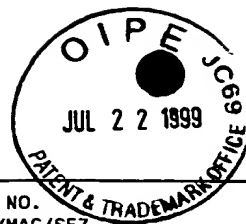
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| KK | AL4 | EP 0 515 757 A1 | 12/02/1992 | Europe | — | — | Yes No |
| KK | AM4 | FI 932475 | 05/31/1993 | Finland | — | — | Yes X No |
| KK | AN4 | GB 2 262 542 A | 06/23/1993 | Great Britain | — | — | Yes No |
| KK | AO4 | EP 0 624 686 A1 | 11/17/1994 | Europe | — | — | Yes No |
| KK | AP4 | DE 44 11 987 A1 | 10/12/1995 | Germany | — | — | Yes X No |

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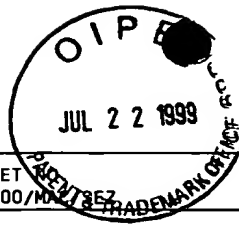
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1562.0110000/MAR/95APPLICATION NO.
09/266,936APPLICANT
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March 12, 1999GROUP
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| KK | AL5 | WO 95/28522 | 10/26/1995 | WIPO | — | — | Yes No |
| KK | AM5 | FI 961026 | 09/07/1997 | Finland | — | — | Yes X No |
| KK | AN5 | EP 0 853 159 A1 | 07/15/1998 | Europe | — | — | Yes No |
| KK | AO5 | EP 0 908 561 A1 | 04/14/1999 | Europe | — | — | Yes No |
| KK | AP5 | EP 0 908 558 A1 | 04/14/1999 | Europe | — | — | Yes No |

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| KKK | AR | 5 | Dialog File 351 (World Patents Index): English language abstract of FI 932475 (Document AM4), WPI Accession No. 92-219675/27. |
| KKK | AS | 5 | English language abstract of DE Patent No. 44 11 987 A1 (Document AP4). |
| KKK | AT | 5 | Dialog File 351 (World Patents Index): English language abstract of FI 961026 (Document AM5), WPI Accession No. 97-437502/199741. |

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| | APPLICANT SILENIUS, Petri | |
| | FILING DATE March 12, 1999 | GROUP 1731 |

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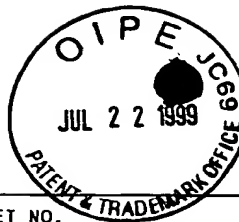
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| KIC | AL6 | EP 0 908 557 A1 | 04/14/1999 | Europe | 1 | | Yes No |
| | AM | | | | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

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| KIC | AR | 6 | Høydahl, H.-E., "Thermomechanical pulp - fashionable or realistic fiber alternative," <i>Norsk Skogind.</i> 29(12):323-328 (December 1975). |
| KIC | AS | 6 | Dialog File 240 (Paperchem): English language abstract for Høydahl, H.-E., "Thermomechanical pulp - fashionable or realistic fiber alternative," <i>Norsk Skogind.</i> 29(12):323-328 (December 1975), (Document AR6), Caesar Accession No. 2935. |
| ICRK | AT | 6 | Kärenlampi, P., "Tensile Strength of a Mixture of Two Pulps," <i>J. Pulp Pap. Sci.</i> 21(12):J432-436 (December 1995). |

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| | AL | | | | | | Yes No |
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| | AP | | | | | | Yes No |

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| KK | AR | Z | Pisarevskaya, E. A. <i>et al.</i> , "Production of bleached aspen groundwood at the Zhidachev Mill," <i>Bumazh. Prom.</i> 1:17-18 (January 1981). |
| KK | AS | Z | Dialog File 240 (Paperchem): English language Abstract for Pisarevskaya, E. A. <i>et al.</i> , "Production of bleached aspen groundwood at the Zhidachev Mill," <i>Bumazh. Prom.</i> 1:17-18 (January 1981), (Document AR7), Caesar Accession No. 2921. |
| KK | AT | Z | Richardson, C. A., "TMP (Thermomechanical pulp) in coating base stock," <i>CPPA Ann. Mtg. (Montreal) Preprints</i> 63B:49-51 (February 1977). |

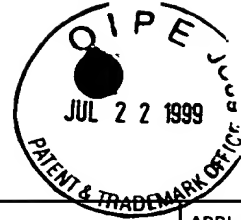
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| KK | AS | 8 | Dialog File 240 (Paperchem): English language abstract for Vulchev, V. et al., "Manufacture of groundwood from chips," <i>Tseluloza Khartiya</i> 9(4):5-9 (1978), (Document AS8), Caesar Accession No. 2924. |
| KK | AT | 8 | <i>Patent for Inventions</i> . Abridgments of Specifications, Herlad Printing Works, York, 1954, Abstract for U.K. Patent No. 623,357, p. 39. |

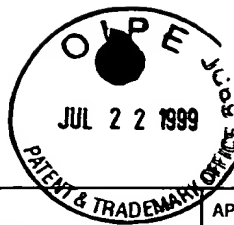
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